

COVID-19 COCONINO COUNTY WEEKLY UPDATE

Morbidity and Mortality Weekly Report (MMWR)

Week 18 (5/2/2021- 5/8/2021)

COCONINO COUNTY
May 14, 2021



Situation Summary

MMWR Week 18 (5/2/2021-5/8/2021)

A total of 17,665 positive COVID-19 cases have been reported among Coconino County residents from March 15, 2020 – May 8, 2021.

Deaths: 309 (2% of cases)

Probable Deaths: 5

Recovered Cases: 16,885

(96% of cases)

Hospitalizations: 1,271

(7% of cases)

Total Fully Vaccinated: 58,326 (49.8% of the eligible population)

Cases Reported Week 18 (May 2, 2021 - May 8, 2021):

**83
Positive
Cases**

**2,226
Negative
Tests**

**58.7
Rate per
100,000**

**4.8%*
Positivity
Yield**

Community Transmission

- Coconino County has a current **incidence rate of 58.7 per 100,000, percent positivity of 4.8%***, and **COVID-19-Like-Illness incidence (CLI) of 1.4%****.
- Coconino County is currently at a **moderate***** level of community transmission.

Benchmarks	Minimal	Moderate	Substantial
Cases	<10 cases/100,000	10-100 cases/100,000	>100 cases/100,000
Percent Positivity	<5%	5-10%	>10%
COVID-19-Like-Illness	<5%	5-10%	>10%

The Arizona Department of Health (ADHS) defines community spread levels with the thresholds outlined in the table above. These thresholds are consistent with the national standards set by Coronavirus Task Force.

**Percent positivity was calculated using only ELR data.*

***CLI is reported using hospital surveillance at the county level. Not all county hospitals are reporting CLI. Percent positivity numbers may differ from ADHS, as ADHS does not include non-electronic lab reports in % positivity calculations.*

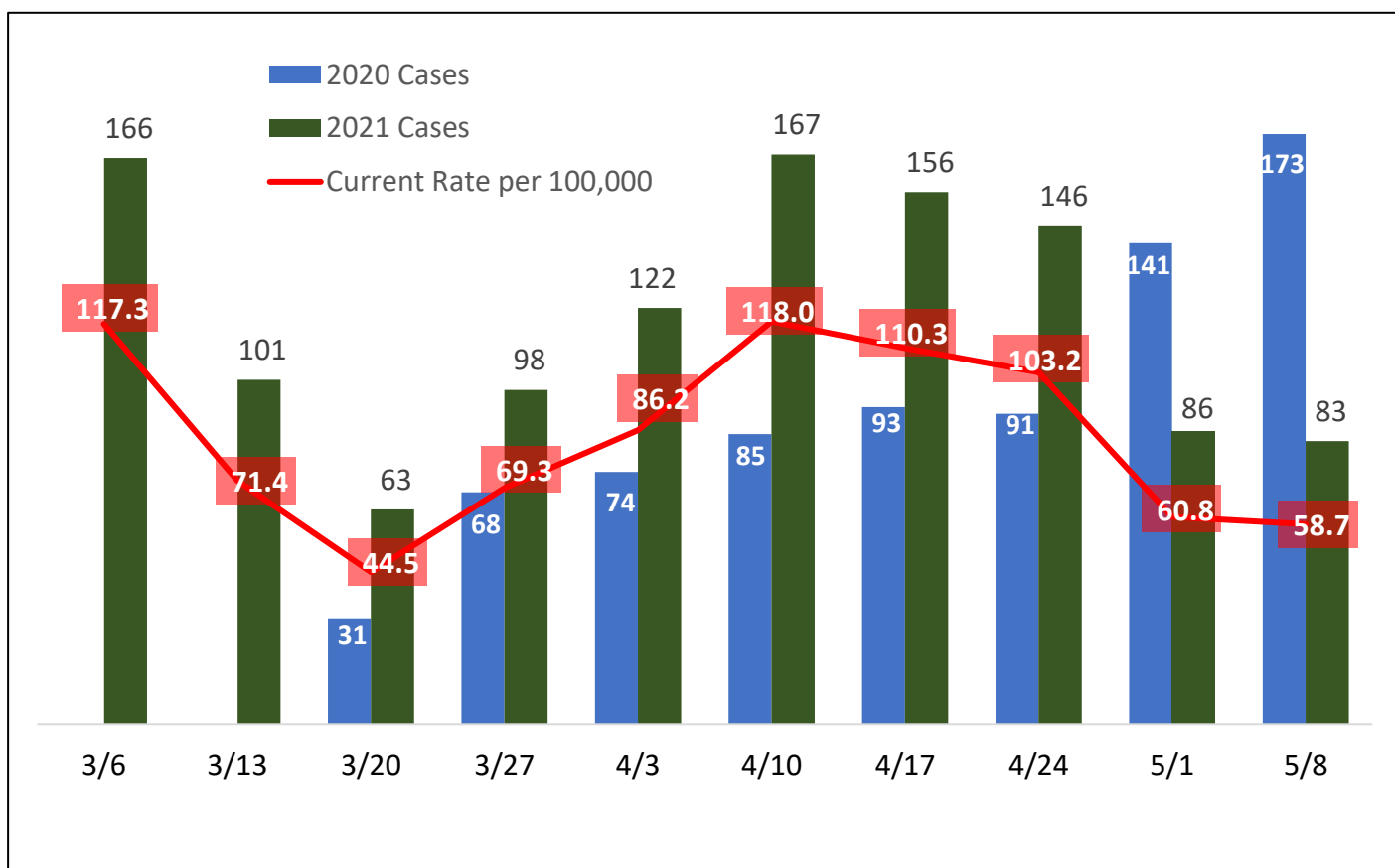
**** ADHS defines community spread level thresholds to be met for two-consecutive weeks before moving to a different risk-category.*

Cumulative Counts (March 15, 2020 – May 8, 2021):



12,485.1 cases per 100,000 Coconino County Residents
vs.
12,110.5 cases per 100,000 Arizona Residents

Weekly Case Counts Among Coconino County Residents:



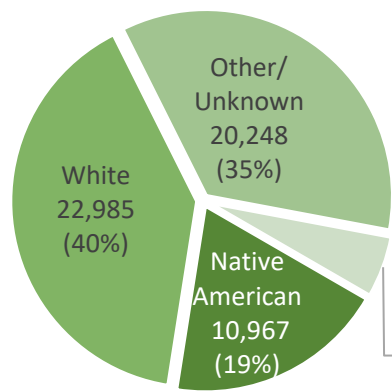
*Cases reported from 3/15/20-5/8/21

COVID-19 Situation Summary*

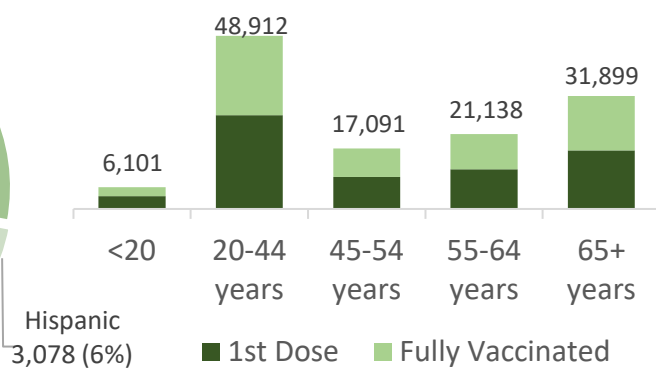
Please visit Vaccine Administration at azdhs.gov for additional Coconino County vaccine data.

COVID-19 Vaccinations Among Coconino County Residents:

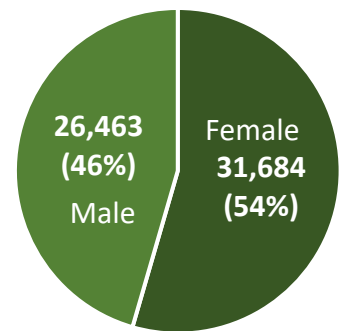
Fully Vaccinated by Race**



Vaccinations by Age

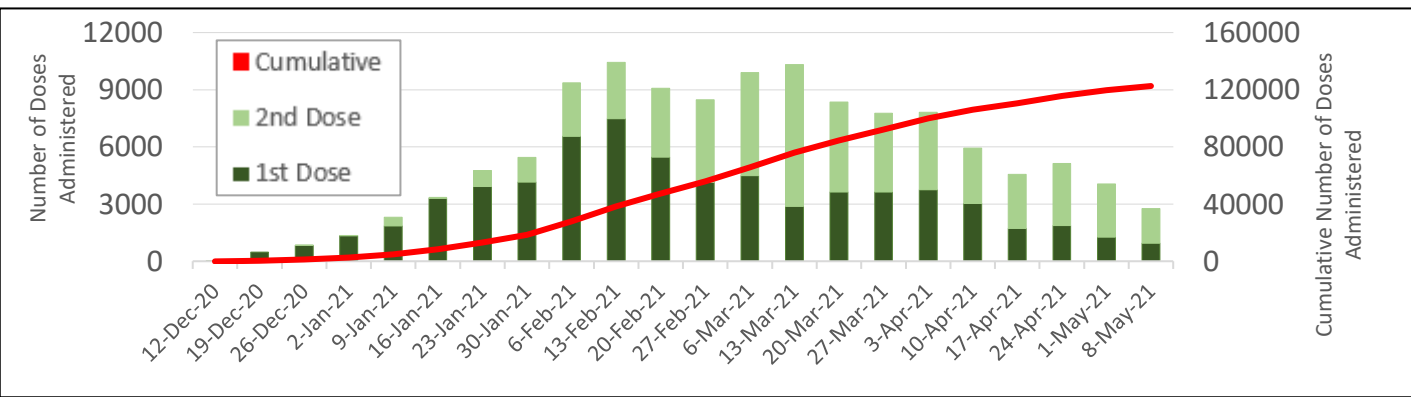


Fully Vaccinated by Sex



**The following races account for less than 1% of total vaccinations:
Asian or Pacific Islander (731), and Black or African American (317).

Weekly Vaccine Counts Among Coconino County Residents:



Vaccinations by Residency:

Location	At least one dose	Fully vaccinated	Fully vaccinated per 100,000 [†]
Flagstaff	40,594	35,314	44,028
86001/86005	23,242	20,016	47,559
86004	16,505	14,534	51,268
86011	847	764	7,818

[†]Population estimates include residents aged 15 and older.

Location	At least one dose	Fully vaccinated	Fully vaccinated per 100,000 [†]
Page	4,120	3,821	64,961
Tribal Communities	10,974	9,952	53,557
Williams	1,948	1,658	35,194
Grand Canyon	1,297	1,069	49,263
Other Areas	7,882	6,512	118,702

Vaccination rates exceeding 100% in specific ZIP codes are due to limitations related to population estimates for specific geographies and discrepancies in self-reported home address

COVID-19 Situation Summary*

Location:

Location	Positive Cases	Case Incidence per 100,000	Positivity Yield	Fully Vaccinated	% of Population Fully Vaccinated [†]
Flagstaff	10,605	11,109	9.3%	35,314	44.0%
Page	1,208	16,040	18.0%	3,821	65.0%
Tribal Communities	4,505	18,299	16.1%	9,952	53.6%
Williams	586	10,290	14.6%	1,658	35.2%
Grand Canyon	204	8,038	14.1%	1,069	49.3%
Other Areas	557	9,871	12.9%	6,512	118.7%

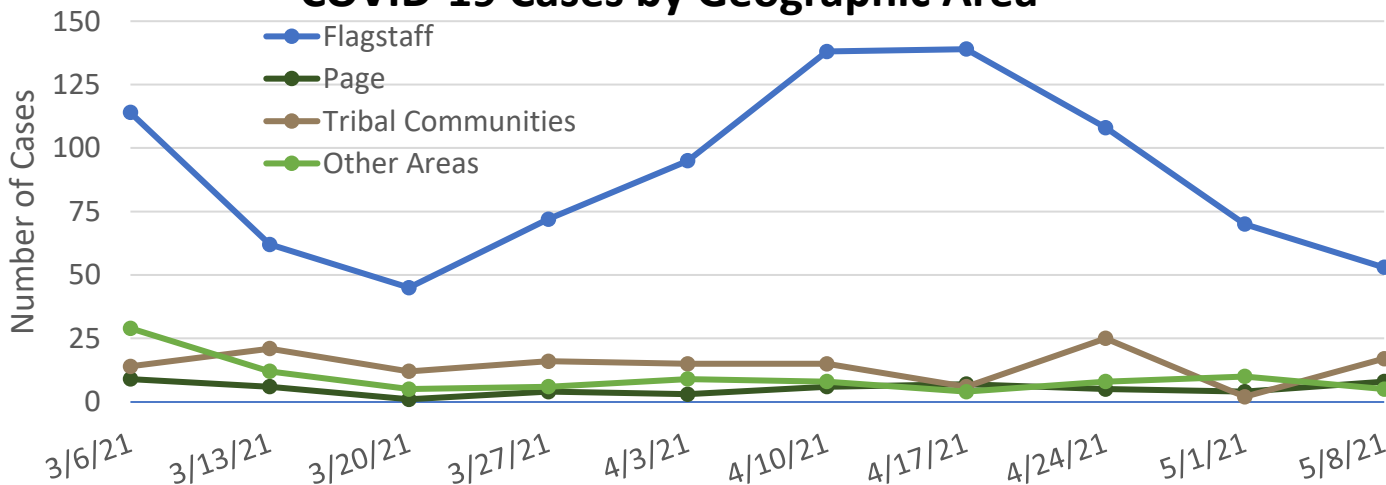
[†]Population estimates include residents aged 15 and older.
Vaccination rates exceeding 100% in specific ZIP codes are due to limitations related to population estimates for specific geographies and discrepancies in self-reported home address.



Key Take Away

- **Other Areas** experienced the largest **decrease in cases** from the previous week with a **50% decrease**.
- The largest **increase** of cases was observed in **Tribal Communities** with a **750% increase**.
- The **lowest cumulative** percentage of the population **fully vaccinated** was observed in **Williams**.

COVID-19 Cases by Geographic Area



COVID-19 Situation Summary*

Age:

Age	Positive Cases	Case Incidence per 100,000	Positivity Yield	Fully Vaccinated	% of Population Fully Vaccinated [‡]
<20 years	3,660	8,969	12.4%	2,522	15.2%
20-44 years	8,770	16,801	11.3%	22,443	43.0%
45-54 years	2,007	13,663	12.2%	8,043	54.8%
55-64 years	1,742	10,498	10.5%	9,943	59.9%
65+ years	1,486	8,750	9.3%	15,375	90.5%

[‡]Population estimates include residents aged 15 and older.

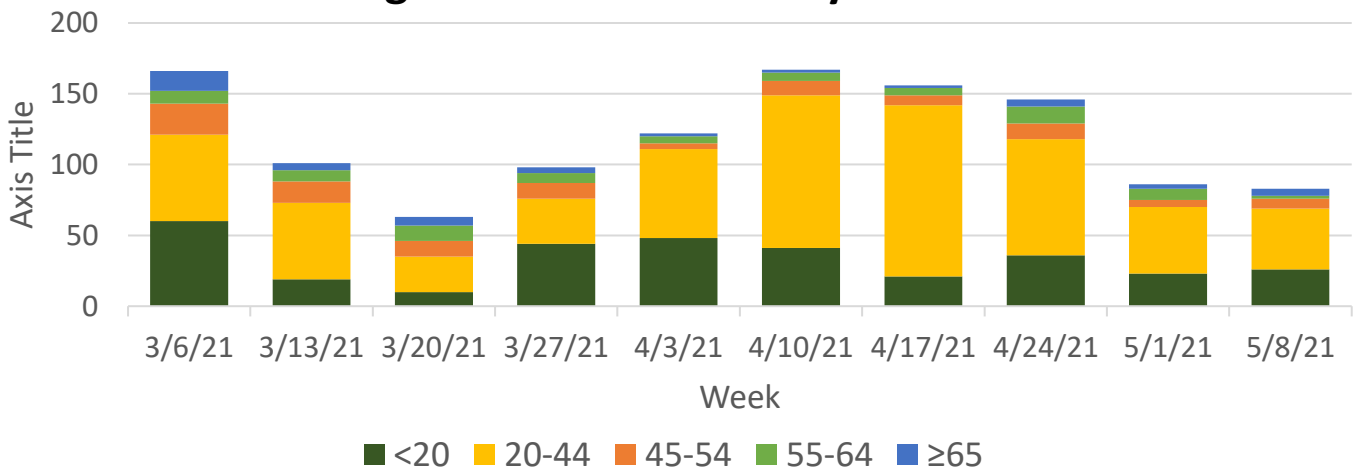
The median age of Coconino County COVID-19 cases is 30 years old



Key Take Away

- The highest **case incidence** for week 18 was observed among residents aged 20-44 with an incidence of 82 per 100,000.
- The highest **positivity yield** for week 18 was observed among residents aged 45-54 with a positivity yield of 8.0%.
- The **highest** cumulative percentage of the population **fully vaccinated** was observed among residents aged 65+.

Age of Positive Cases by Week



*Cases reported from 3/15/20-5/8/21

Race/Ethnicity:

Race/ Ethnicity	Confirmed Cases	Case Incidence per 100,000	Fully Vaccinated	% of the Population Fully Vaccinated [‡]
Native American	6,665	18,313	10,967	36.8%
White	5,924	7,758	22,985	32.3%
Hispanic	2,840	14,249	3,078	19.2%
Black or African American	233	14,784	317	16.1%
Asian/ Pacific Island	202	7,031	731	24.5%
Other/ Unknown	1,801	N/A	20,248	N/A

[‡]Population estimates include residents aged 15 and older.

Key Take Away

- The **lowest cumulative percentage** of the population fully vaccinated was observed in **Black or African American** residents. The **highest cumulative percentage** of the population fully vaccinated was observed among **Native Americans**.

Sex:

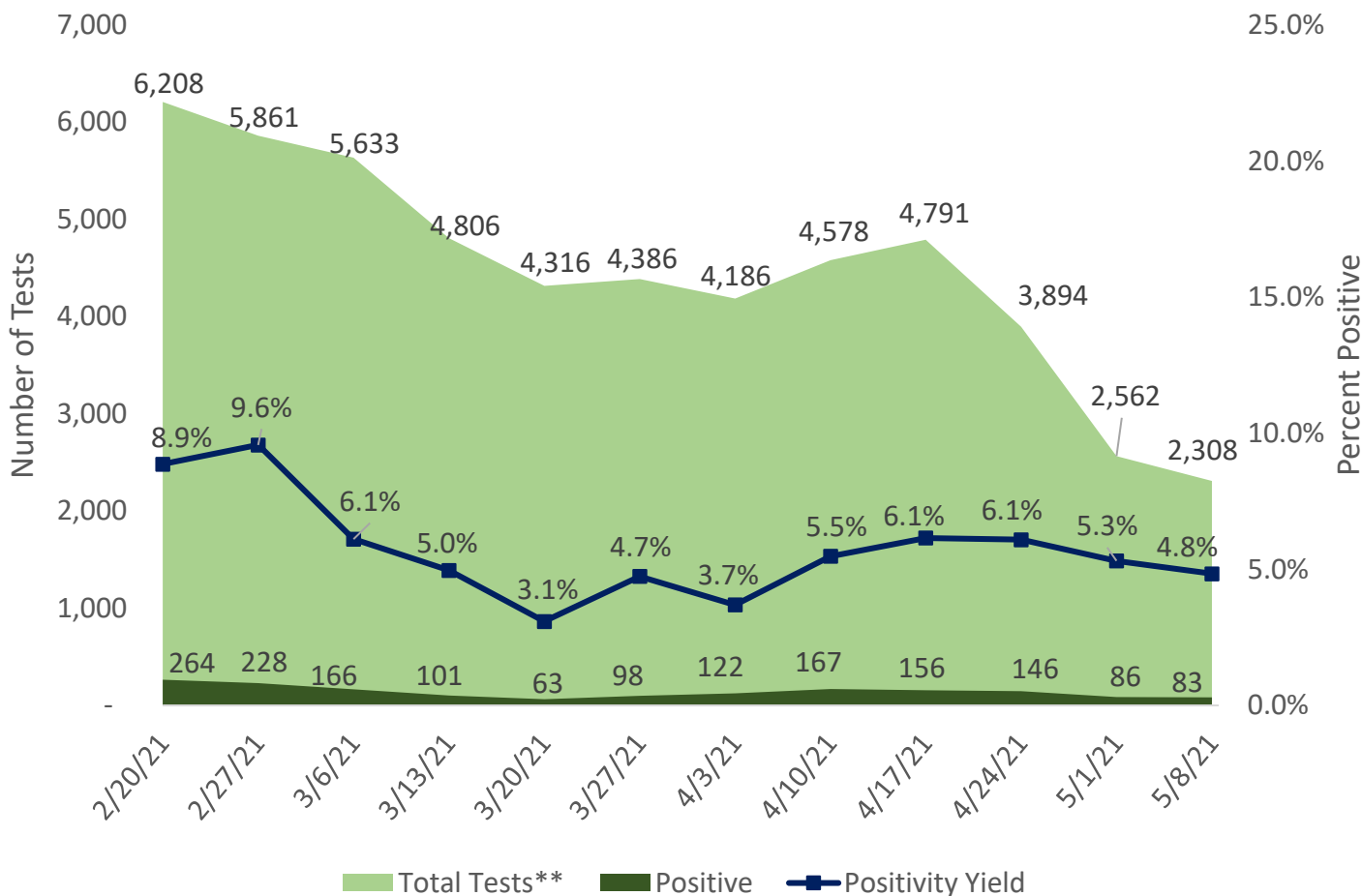
Sex	Confirmed Cases	Case Incidence per 100,000	Positivity Yield	Fully Vaccinated	% of the Population Fully Vaccinated [‡]
Female	8,962	12,537	10.3%	31,684	52.9%
Male	8,670	12,423	12.4%	26,463	46.2%

[‡]Population Estimates include residents aged 15 and older

Key Take Away

- Although females have a slightly higher incidence of COVID-19 compared to males, females had 13% more tests than male residents.
- Male residents have higher testing positivity yields.

COVID-19 TESTING BY WEEK:



*Percent positivity was calculated using only ELR data due to insufficient reporting.

**Data was changed to display total tests per week rather than number of people tested per week.

COVID-19 Diagnostic Testing:

People Tested: A total of 87,790 Coconino County residents have been tested.

Tests Conducted: A total of 235,783 have been conducted among Coconino County residents.

Investigations: The investigations team interviews Coconino County Residents that test positive for COVID-19. **Investigations completed: 7,926**

Monitoring: The monitoring team contacts confirmed cases/people exposed to confirmed cases to monitor for symptoms, identify needs, and provides assistance as requested.

- **Currently being monitored: 116 (As of 5/8/2021)**
- **Total individuals monitored to date: 6,940**

Hospitalizations

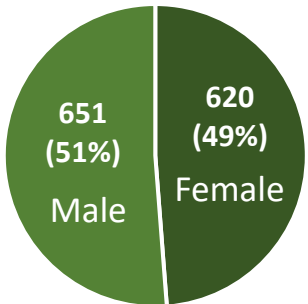
(not all hospitals are currently reporting hospitalization data to Coconino County):

Percentage of Cases
7%

Hospitalized
1,271

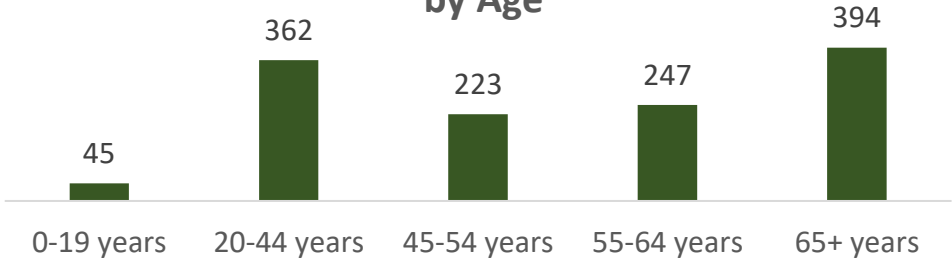
Hospitalizations Per 100,000
898.3

Sex

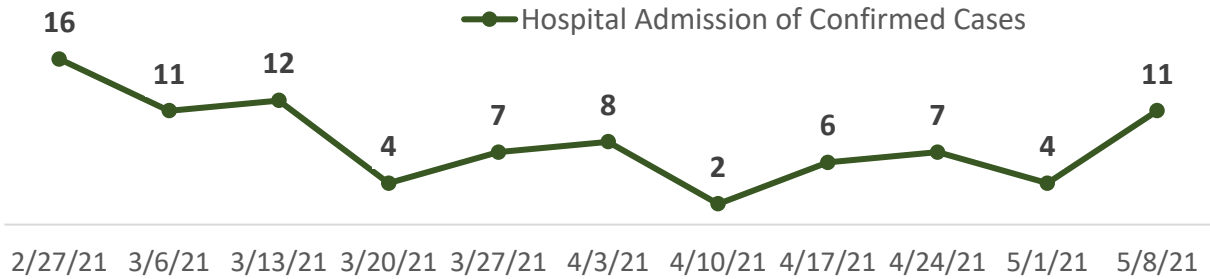


16% of hospitalized residents were in the ICU and 7% were intubated.

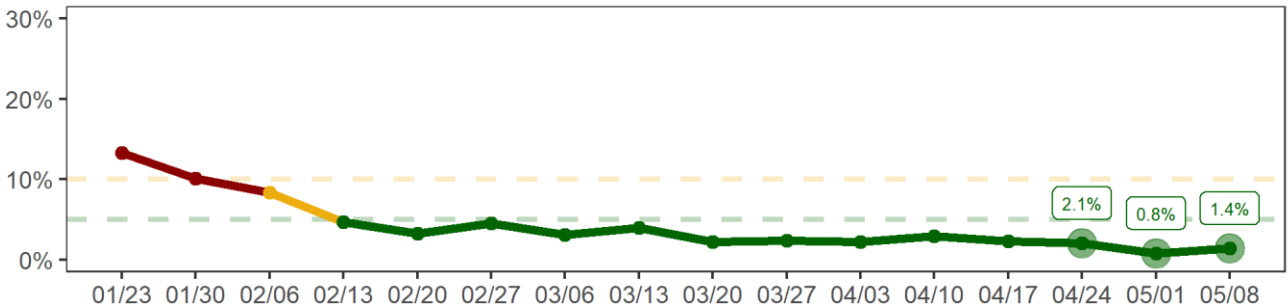
Hospitalized Coconino COVID-19 Patients by Age



Weekly Case Counts Among Coconino County Residents:



Hospital Visits with COVID-Like Illnesses Among Coconino County Residents:



*Cases reported from 3/15/20-5/8/21

CLI Graph represents data from hospital surveillance at the county level. Not all county hospitals are reporting CLI.

COVID-19 Situation Summary*

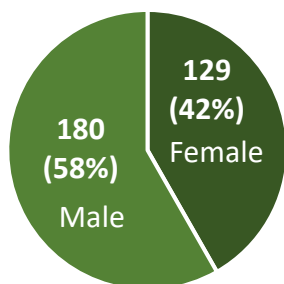
COVID-19 Related Deaths:

Percentage of
Cases
2%

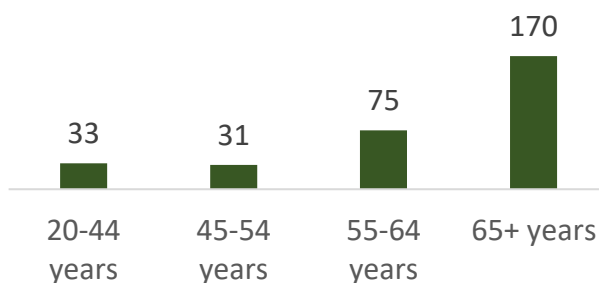
Deaths
309

Fatalities
Per 100,000
218.4

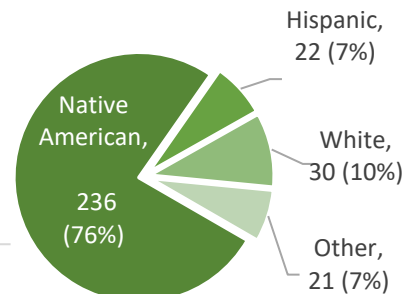
Sex



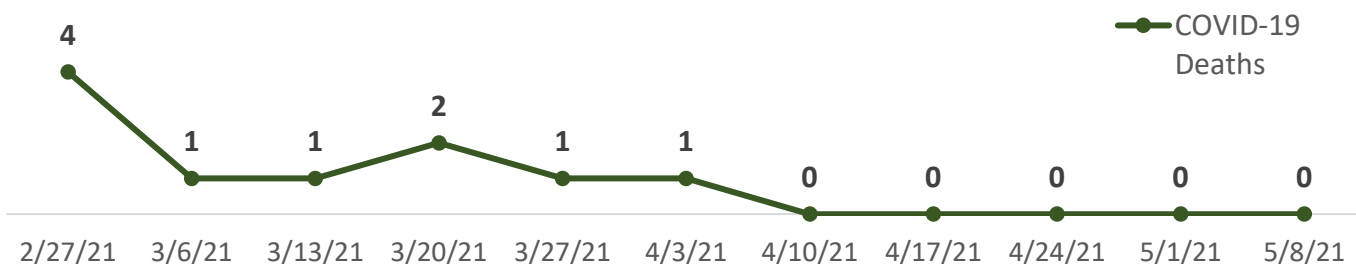
Coconino COVID-19 Deaths by Age



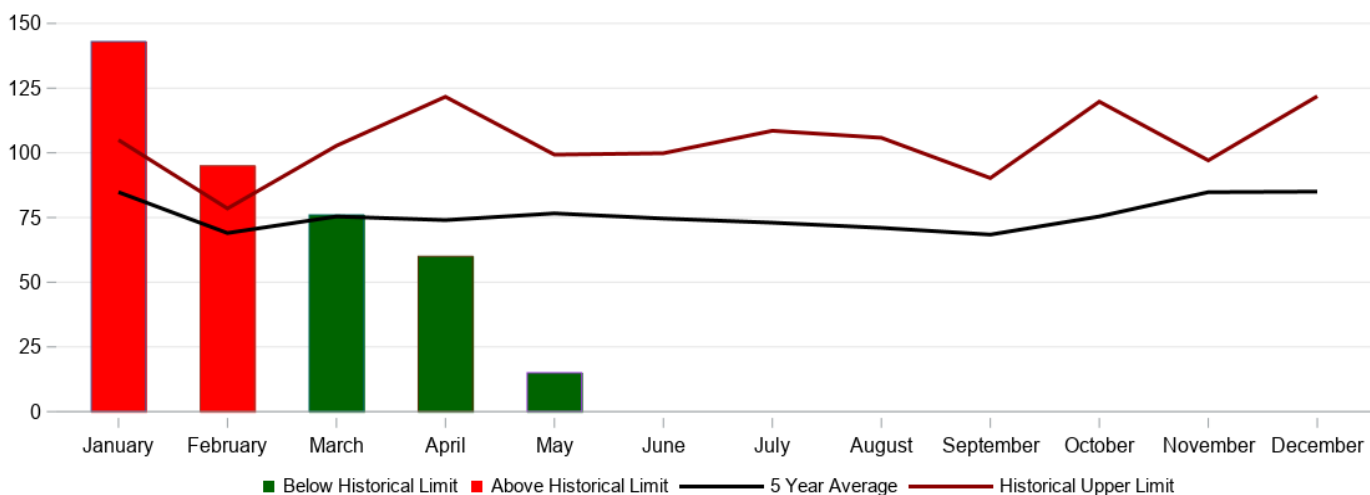
Race



Weekly COVID-19 Deaths Among Coconino County Residents:



2021 All Deaths Aberration



*Cases reported from 3/15/20-5/8/21